	Work Order ID 59675 Wednesday, June 09, 2010 1:11:56 PM											Page
Revision ID:	D4000-7			Accept					Setup	Start		
	Fuel Pickup F 6/9/2010 6/17/2010	Start Qty: 4.00 Req'd Qty: 4.00	}		Cust Item II Customer:	D:				Stop		
Approvals:	Process Pla	nn:/	Dates	Tooling: SPC (Y/N):	Da	te:			Run	Start Stop		
Sequence ID/ Work Center ID)	Operation Description		Set Up/ Run Hours	Tool ID	Tool#	Plan Code	Accept Qty	Rejo Qty		Reject Number	Insp. Stamp
Draw Nbr D4000	Rev	ision Nbr										
100 Doosan		Memo		0.00								
Doosan Lathe			DWG and Folio Fa905	ント	10/06/22			(H)				

QC2- Inspect parts off machine FAI/FAIB

0.00

JL 10/06/22

Memo

Deburr

0.00

Quality Control

W/O:			WORK ORDER CHANGES										
DATE	STEP	PRO	OCEDURE CH	IANGE	Ву	Date	Qty c	pproval Chief Eng / Prod Mgr	Approval QC Inspector				
Part No	:	PAR #:	Fault Ca	tegory:	NCR: Yes	No DQA:		Date: _					
	Re	solution:	Disposit	ion:	QA: N/C C	losed:		Date:					
NCR:		•	WORK OR	DER NON-CONFOR	MANCE (NC	R)							
DATE	STEP	Description of NC	Initial		Section B	Verifica	tion A	Approval	Approval				
·		Section A	Initial Chief Eng	Action Descriptio	n Sign Date	& Section C	1 C C	Chief Eng	QC Inspector				
								•					

Work Order ID 59675

Wednesday, June 09, 2010 1:11:56 PM



Page 2

Item ID:

D4000-7

Accept

Setup Start

Stop



Revision ID:

Item Name:

Fuel Pickup Fitting

Start Date:

6/9/2010

Start Qty: 4.00

Req'd Qty: 4.00 **Required Date: 6/17/2010**

Cust Item ID:

Customer:

Tool ID

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Tool # Plan

Code

Run

Start



QC:

Operation

Description

Date:_____

SPC (Y/N):

Date:

Stop

Reject



Sequence ID/

Work Center ID

120

Memo

QC8- Inspect parts - second check

Set Up/ **Run Hours**

M10.6.22

Qty Qty Reject Insp. Stamp Number

Quality Control

0.00

0.00

Accept

130

Packaging Packaging

Memo

0.00

0.00

10.6.23 (yi

140

Quality Control

QC21- Final Inspection - Work Order Release

Identify as per dwg & Stock Location: 1 V

0.00

Memo

0.00

10/06/2

h w.de 27

	·							
W/O:			WC	ORK ORDER CHANG	ES			
DATE	STEP	PR	OCEDURE CHA	NGE	Ву	Date Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
							_	
Part No	:	PAR #:	Fault Cate	gory:	_ NCR: Yes	No DQA:	Date: _	
	Re	solution:	Dispositio	າ:	_ QA: N/C Clo	osed:	Date: _	
NCR:				ER NON-CONFORMA			- ,,	
DATE	STEP	Description of NC		Corrective Action Secti		Verification	Approval	Approval
	SIEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector
					,			
· .					:			
							·	
		·						

Picklist Print

Wednesday, June 09, 2010 1:12:02 PM

Work Order ID: 59675

Parent Item:

D4000-7

Parent Item Name:

Fuel Pickup Fitting

Comments:

Ipp Rev: A New Issue 10-01-28 JLM Verified By:EC

ecn10-562 EC verified by:DD

Start Date: 6/9/2010 ·

Qty

Required Date: 6/17/2010

Page 1

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name M6061T6R1.250

Replacement Mfg/ Item ID Purch Purchased

Bin Primary Item Location No

Last Location

IPP rev B 10.05.13

Route Seq ID 100

Unit of Qty on Measure Hand 55.2071

Qty per Kit Total 0.131

Otv 0.551579

Issued Issued

Date Status

1.500 An/10.00.22

6061-T6 Round Bar 1.250

Location

MAT013 113457 113550 Loc Qty 55.20705 35.20705 20 Loc Code

110167

-6 SL 10/06/22

۶

Dart	Aeros	pace	Ltd
------	--------------	------	-----

	•								
W/O:			W	ORK ORDER CHANG	ES				
DATE	STEP	PR	OCEDURE CHA	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
				•	ļ				
							<u> </u>	,	
Part No	:	PAR #:	Fault Cate	gory:	_ NCR: Yes	No DC	A:	Date: _	
Resolution: Disposition: QA: N/C Closed:							Date: _		
NCR:			WORK ORD	ER NON-CONFORM	ANCE (NC	R)			
DATE	STEP	Description of NC	Corrective Action Initial Action Description		ion B		cation	Approval	Approval
		Section A	Chief Eng Chief Eng		Sign Dat		tion C	Chief Eng	QC Inspector
				•					
	,								
					,				

DART AEROSPACE LTD	Work Order: 596+5
DART AEROSPACE ETB	
Description: TUR DICK NO THING	Part Number: DH000-7
Description-100 ALL MA LETTING	
Inspection Dwg: 1000 Rev: A	Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

	X	First Artic	le 👢	Proto	type		
Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comm	nents
-04X45°	±.030 ± .5°	.045X45°					
.217	010	.217		*			
5.66	+-030	.658	/				
1.05	030	1.0419	V	ļ			
1.05	+ .030	11.048	/				
1/4 NPT			ļ				
建	A		/				
.57	±.030	1.540		 			
3/4-NPT		31/0		-			
1.0.E .339	±-010	1-270	1	-			
1.00	±-030 +-010 -0	1.00	1				
.510	- 0 1	1.5/6	1	-			
39	+ .030	1-570	1/				
.794	010 +	1-+17	1/				
1.16	030	11.170	1				
			-	 			
		 	-	 			
		 	-				
			-				žių.
			+	 			
		*	 				
			 				
							N/A
Measured by:	_اکـ	Audited by:	T /		Prototype App		
Date:	10/06/22	Date:	10.6	.22		Date:	N/A

L			10/00/800		
			1 01	Revised by	Approved
F	₹ev_	Date	Change	KJ/JLM	
	Α		New Issue	KOJOLIVI	

			/	. 6	5
ITEM	QTY. -043	QTY. -045	P/N	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER
1	X		D4000-041	DRAIN FITTING ASSEMBLY, AFT	JCA-M47-1-06
2		X	D4000-043	DRAIN FITTING ASSEMBLY, FWD	JCA-M47-1-15
3	1	1	D4000-3	FUEL SUMP DRAIN FITTING	
4	1		D4003-1	INTERNAL DRAIN LINE, AFT	
5		1	D4003-3	INTERNAL DRAIN LINE, FWD	

D4000-041 DRAIN FITTING ASSEMBLY, AFT

SHOP COPY RETURN TO ENGINEERTEG UNCONTROLLED CORY SUBJECT TO AMENDMENT WITHOUT NOTICE

WITHOUT NOTICE
WORK ORD'R
NO. 59475

2

D4000-043 DRAIN FITTING ASSEMBLY, FWD

D

С

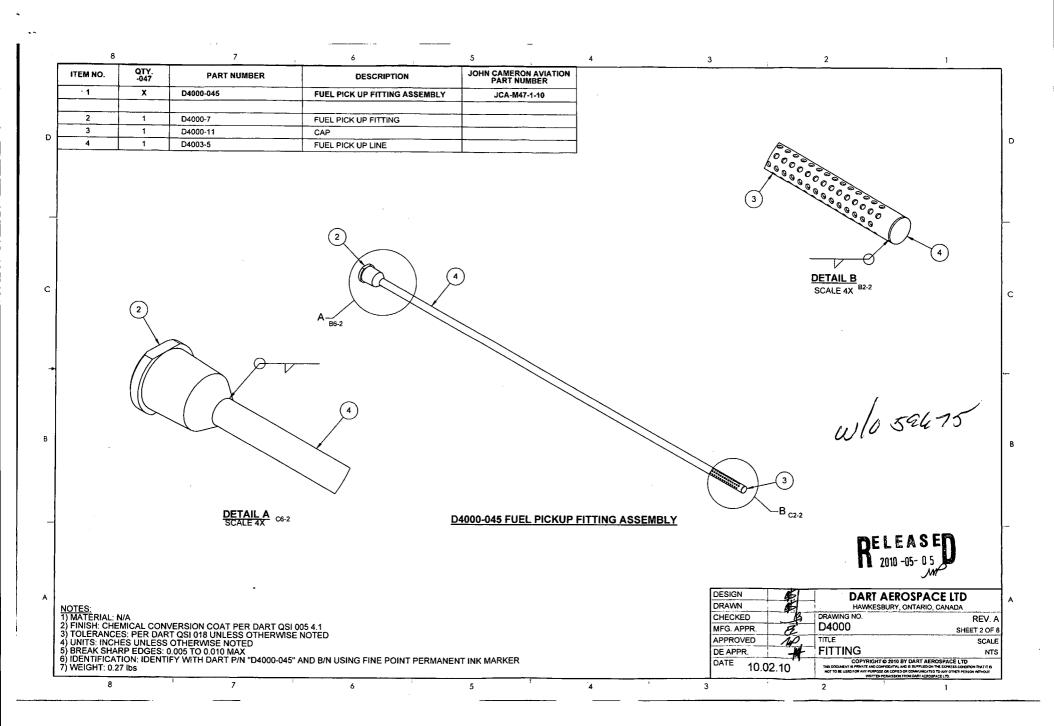
Α	NEW IS	SUE		8 5.	10.02.10		
REV.			DESCRIPTION	BY	DATE		
DESIG		#		ROSPACE LT			
CHECH MFG. A		居	B DRAWING NO. D4000				
APPRO		M	FITTING		SCALE		
DATE	10.0	2.10	THIS DOCUMENT IS PRIVATE AND CONFIDENTI NOT TO BE USED FOR ANY PURPOSE OR CON		CONDITION THAT IT IS		

NOTES:
1) MATERIAL: N/A
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4000-043/-045" AND B/N USING FINE POINT PERMANENT INK MARKER
7) WEIGHT: D4000-043 - 0.04 lbs
D4000-045 - 0.05 lbs

3

2

W/O:			V	ORK ORDER CHAN	GES						
DATE	STEP	PRO	OCEDURE CH	ANGE	В	y	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
			***************************************					<u> </u>			
Part No	:	PAR #:	Fault Ca	tegory:	es N	No DQA: Date:					
	Res	olution:							Date: _		
NCR:			WORK ORI	DER NON-CONFORM	IANCE (N	ICR)	1				
DATE	STEP	Description of NC	Initial	ction B	an 0	Verific		Approval	Approval		
	ļ	Section A	Initial Action Descrip Chief Eng Chief Eng		Sign & Date				Chief Eng	QC Inspector	
								;			
				·					, <u>, , , , , , , , , , , , , , , , , , </u>		
								į			



	•									
W/O:			WC	RK ORDER CHAN	GES					
DATE	STEP	PRO	OCEDURE CHAI	NGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
						1				
					;					
Part No		PAR #:								
	Res	olution:	Disposition	n:	QA:	N/C Clo	sed:		Date: _	
NCR:			WORK ORDE	ER NON-CONFORM	MANCE	(NCR))			
DATE	STEP	Description of NC	Corrective Action Section Initial Action Description			0: 0	Verific	cation	Approval	Approval
		Section A	Initial Action Descri Chief Eng Chief Eng		tion Sign & Date		Section C		Chief Eng	QC Inspector
										
								·		

3 DART AEROSPACE PART NUMBER JOHN CAMERON AVIATION PART NUMBER D4000-1 JCA-M47-1-04 D D - 0.75 Ø1.97 0.28 R0.02 DRILL Ø0.921 THRU-3/4 NPT TAP FROM-THIS SIDE Ø1.57 w/o 59675 SECTION C-C B6-3 B3-3 **D4000-1 FUEL SUPPLY FITTING** NOTES: 1) MATERIAL: 6061-T6 (OR 6061-T651/T6510/T6511/T62) ROUND BAR PER AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116) OR PER AMS-QQ-A-200/8 (OR AMS 4160) REF DART SPEC M6061T6R DESIGN DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWN DRAWING NO. CHECKED REV. A REF DART SPEC M6061T6R
2) FINISH: NIA
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: N/A
7) WEIGHT: 0.12 lbs D4000 MFG. APPR SHEET 3 OF 8 APPROVED TITLE SCALE FITTING DE APPR. NTS COPYRIGHT © 2010 BY DART AEROSPACE LTD
THIS DOCUMENT IS PROVIDE AND CONFEDENTIAL AND SUPPLED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE ON COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT DATE 10.02.10 7 5 3 2

Dart	Aeros	pace	Ltd
------	-------	------	-----

W/O:			W	ORK ORDER CHA	NGES					
DATE	STEP	PRO	PROCEDURE CHANGE					Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
-										
									<u> </u>	
Part No	:	PAR #:	Fault Cate	egory:	NCF	R: Yes	No DQ	4 :	_ Date: _	
	Resolution: Disposition:									
NCR:			WORK ORD	ER NON-CONFOR	RMANCE	(NCR)			
DATE	STEP	Description of NC	Corrective Action Section B			Verificat			Approvai	Approval
		Section A	Initial Chief Eng	Action Descripti Chief Eng	ion	Sign & Date	Section	on C	Chief Eng	QC Inspector
					· · · · ·					
							ļ			

5 3 2 DART AEROSPACE PART NUMBER JOHN CAMERON AVIATION PART NUMBER D4000-3 JCA-M47-1-05 D CHAMFER 0.020 X 45° 0.16 D-R0.69 1/8 NPT-1.06 ϕ 0.26^{+0.01}_{-0.00} Ø0.34 D--CHAMFER 0.18 X 45° u 10 59495 0.66 SECTION D-D B6-4 **D4000-3 FUEL SUMP DRAIN FITTING**

NOTES: 1) MATERIAL: 6061-T6 (OR 6061-T651/T6510/T6511/T62) ROUND BAR PER AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116) OR PER AMS-QQ-A-200/8 (OR AMS4160) REF DART SPEC M6061T6R

2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX

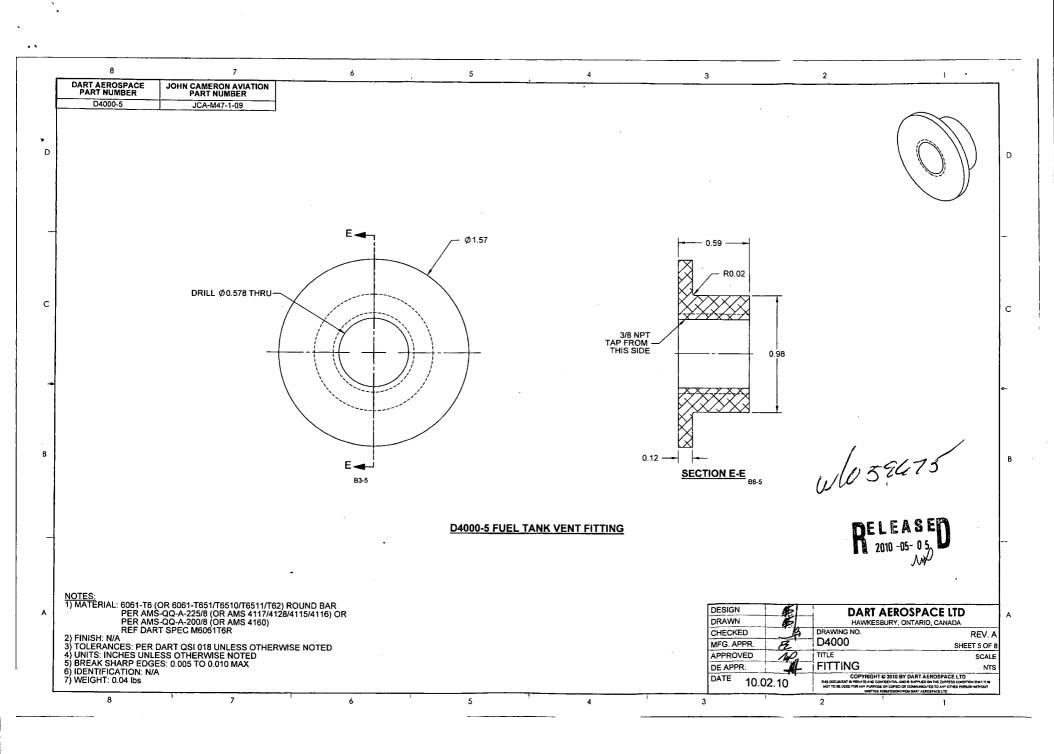
6) IDENTIFICATION: N/A 7) WEIGHT: 0.03 lbs

DESIGN DRAWN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA					
CHECKED	B	DRAWING NO.	REV. A				
MFG. APPR.	E	↑D4000	SHEET 4 OF 8				
APPROVED	10	TITLE	· SCALE				
DE APPR.		FITTING	NTS				
DATE 10.02	2.10	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND COMPREHEND AND IS SUPPLED ON THE EURESS COMPTION THAT IT IS HOT TO BE USED FOR ANY PURPOSE OR COMPLETE COMMUNICATED TO ANY OTHER PERSON WITHOUT MATERIAL PROPERSON THE BUILDING THE REPORT OF THE PERSON WITHOUT					

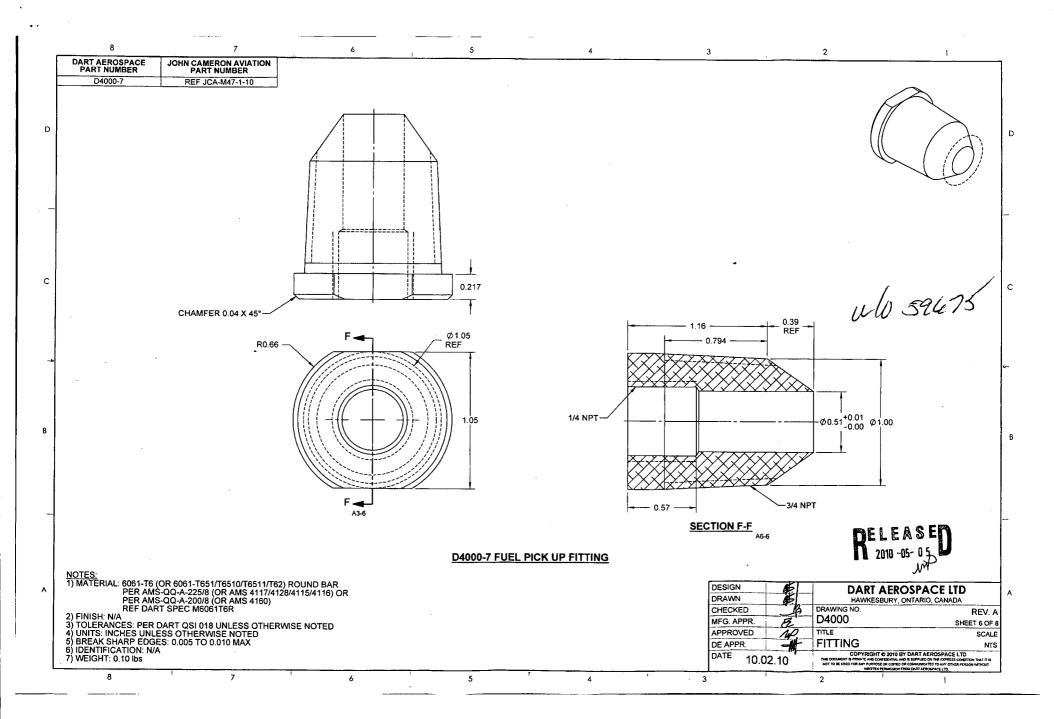
3

Dart	Aer	ospa	ace	Ltd
------	-----	------	-----	-----

W/O:		WORK ORDER CHANGES								
DATE	STEP	PRO	OCEDURE CHA	ANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
							4			
Part No		PAR #:								
Resolution: Disposition:								Date:		
NCR:	·	· ·	WORK ORD	ER NON-CONF	ORMANC	E (NCR	(1)			
DATE	STEP	Description of NC Section A	Initial Chief Eng	Corrective Action Action Descr	Section B iption	Sign &	Verific Secti	cation on C	Approval Chief Eng	Approval QC Inspector
				,				-		

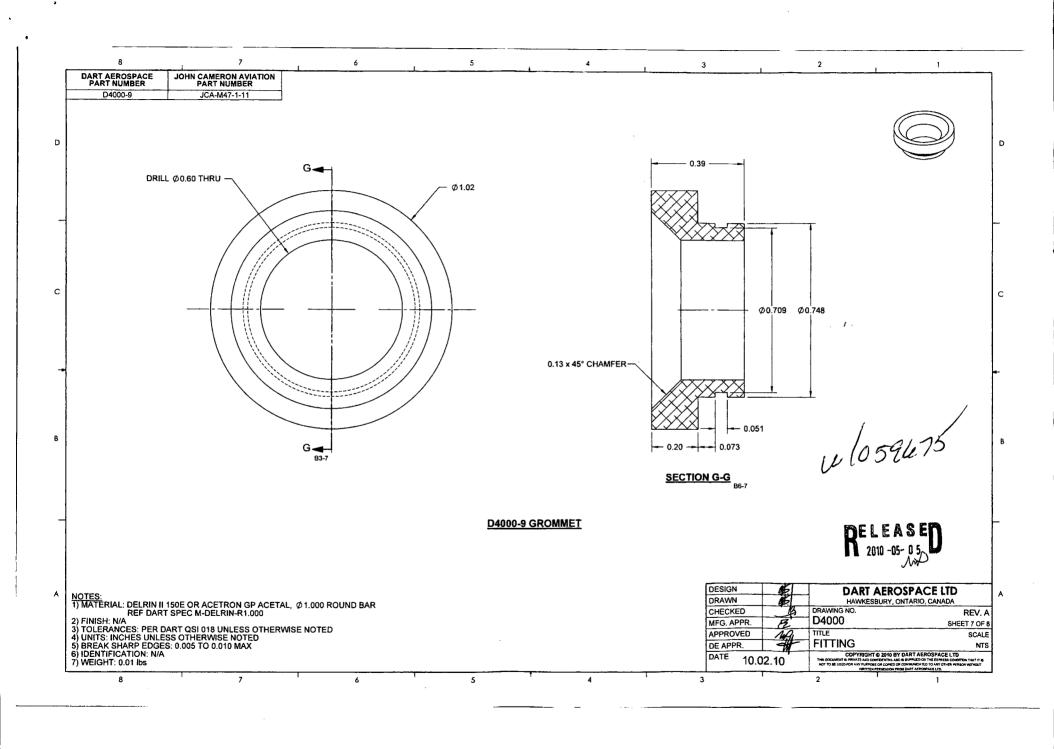


W/O:			WORK ORDER CHANGES									
DATE	STEP	PRO	OCEDURE CHA	NGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
							~		, roa mgr			
		_					•					
	:							:				
Part No:PAR #		PAR #:	Fault Cate	gory:	NC	R: Yes	No DQA	٨:	Date:			
Resolution:			Disposition	Disposition: Q								
NCR:			WORK ORDI	ER NON-CONFO	DRMANCE	(NCR)			<u> </u>		
DATE	STEP	Description of NC				on B Verification			Approval	Approval		
	JIEI	Section A	Initial Chief Eng	Action Descri	ption	Sign & Date	Section		Chief Eng	QC Inspector		
	,											
					·							
•												
						•			4,00			

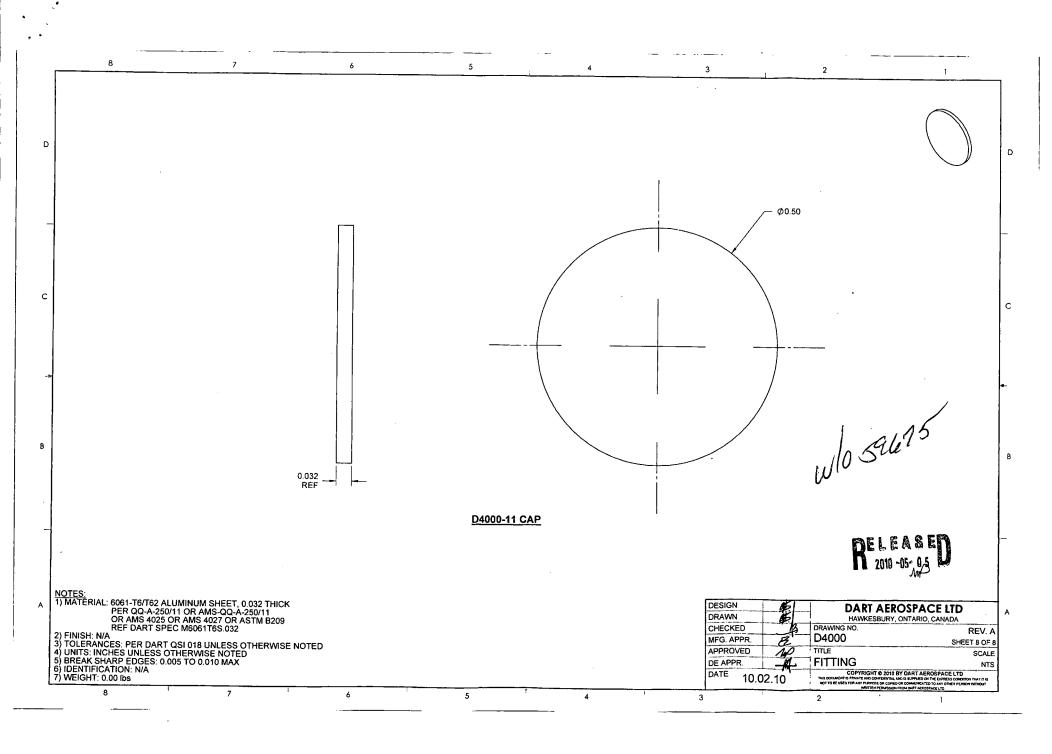


loe 339

W/O:			W	ORK ORDER CHANG	iES				
DATE	STEP	PRO	OCEDURE CHA	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
We									
Part No	•	PAR #:	Fault Cate	egorv:	NCR: Yes	No DO	Δ.	Date:	
Part No: PAR #: Fault Category: Resolution: Disposition:									
NCR:				ER NON-CONFORM					
DATE	STEP	Description of NC Section A	Corrective Action Section B Initial Action Description				cation	Approval	Approval
		Section A	Chief Eng	Chief Eng	Date		on C	Chief Eng	QC Inspector
					,	!			



W/O:			W	ORK ORDER CH	ANGES					
DATE	STEP	PRO	CEDURE CH	ANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
								. 18		
Part No: PAR #: Fault C										
Resolution: Disposition:								·	Date:	<u> </u>
NCR:	1	V	VORK ORI	DER NON-CONFO	PRMANCE	(NCR				
DATE	STEP	Description of NC Section A	Corrective Action Section B Initial Action Description			Sign &	Verification		Approval	Approval
		OSSIGNA	Chief Eng	Chief Eng		Date	Section	<u> </u>	Chief Eng	QC Inspector
							i i			
							1			
	-									
:										



Dart	Aer	osp	ace	Ltd
------	-----	-----	-----	-----

W/O:			WORK ORDER CHANGES									
DATE	STEP	PRO	OCEDURE CHA	NGE	Ву	Date Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector				
								İ				
· · · · · · · · · · · · · · · · · · ·												
Part No.		DAD #.										
Part No: PAR #:			Fault Category: NC			NCR: Yes No DQA: Date: _						
	ne						Date: _					
NCR:			WORK ORD	ER NON-CONFORMA	ANCE (NCR	l)						
DATE	STEP Description of NC		Corrective Action Section B Initial Action Description			Verification	Approval	Approval				
	Section A	Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector					
					!							
			·									
						·						
	 		1		1	ı	1	1				